

## Daily Report For 2016-07-13

### Metal Bank

Sheetpile Repair  
Cottman Avenue  
Philadelphia, PA (US)  
Report number: 3340011G-47  
Date: July 13, 2016 01:02 PM

### Status

7/13/2016 (Wednesday) – CEI, EPA, CDM Smith, and Ramboll Environ on-site for final site inspection. CEI also oversaw pickup of remaining on-site equipment (water cooler, porta-toilets, dumpster).

### Details of Construction Activities

0715 - Ramboll Environ (Eric Emery) on-site. CEI (John Castellani) already on-site.

0740 - CDM Smith (b) (4) on-site.

0830 to 0840 - Joe Vitale and Nicholas Steenhaut (RE), Will Geiger (EPA), George Horvat (PRP) on-site for final site inspection.

0845 to 0915 - Final walkthrough inspection of the site. No issues or comments.

0915 - George Horvat off-site. CEI remaining on-site awaiting water cooler, porta-toilet, and dumpster pickup. EPA, CDM Smith, and RE mobilize to boat launch area to meet Aqua Survey, Inc. (ASI) and conduct a final photo documentation of the sheet pile wall and waler repair area.

0950 - ASI arrives at boat launch.

1000 to 1035 - ASI, EPA, CDM Smith, and RE (Nicholas Steenhaut) conduct photo documentation of sheet pile wall and waler repair area.

1045 - ASI, CDM Smith, EPA, and RE depart boat launch area.

1050 to 1105 - RE (Eric Emery) back to Metal Bank site to check on final equipment demobilization and confirm site gates are locked appropriately or can be locked following removal of remaining equipment.

1100 - Water cooler removed from site.

1105 - RE off site. CEI awaiting porta-toilet and dumpster pickup. CEI will lock site gate with RE lock and right-of-way gate with RE lock as part of daisy chain with City of Philadelphia water department lock.

### The Week Ahead

Final site inspection has been completed. This daily report will serve as the final daily report of sheet pile repair and associated activities. Additional field activities will be communicated to the appropriate parties as they are scheduled.

### Contacts and people present

Role and company name	Name	Contact information	Present	Sent
Oversight [Ramboll]	Eric Emery	609-961-1363 eemery@ramboll.com	✓	✓
Oversight [Ramboll]	Joe Vitale	jvitale@ramboll.com	✓	✓

Oversight [Ramboll]	June Yeung	609-977-5899 jyeung@ramboll.com	✗	✓
CEI Project Superintendent [Creamer Environmental, Inc.]	John Castellani	201-522-5089 jcastellani@creamerenvironmental.com	✓	✓
CEI Project Manager [Creamer Environmental, Inc.]	Gary Kowalski	201-376-7153 gkowalski@creamerenvironmental.com	✗	✓
Laborer [Creamer Environmental, Inc.]	Laborer 1		✗	
Laborer [Creamer Environmental, Inc.]	Laborer 2		✗	
Laborer [Creamer Environmental, Inc.]	Laborer 3		✗	
Laborer [Creamer Environmental, Inc.]	Laborer 4		✗	
Regulator [USEPA]	Andrew Hass	hass.andrew@epa.gov	✗	✓
Ramboll Project Manager [Ramboll]	Nicholas Steenhaut	617-946-6109 nsteenhaut@ramboll.com	✓	✓
EPA Oversight [CDM Smith]	(b) (4)	(b) (4) @cdmsmith.com	✓	✓
EPA Oversight [USACE]	David Depolo	David.S.Depolo@usace.army.mil	✗	✓
EPA Oversight [CDM Smith]	(b) (4)	(b) (4) cdmsmith.com	✗	✓
EPA Oversight [USACE]	Travis Fatzinger	Travis.T.Fatzinger@usace.army.mil	✗	✓
EPA Oversight [USEPA]	William Geiger	Geiger.William@epa.gov	✓	✓
Design Engineer [RAC]	Joe Caciola	joe@racllc.com	✗	✓
Design Engineer [RAC]	Walter Papp	walter@racllc.com	✗	✓
Operator [Creamer Environmental, Inc.]	Operator 1		✗	

Operator [Thackray Crane Rental, Inc.]	Operator 2		X	
Operator [Creamer Environmental, Inc.]	Operator 3		X	
Oiler 1 [Thackray Crane Rental, Inc.]	Oiler 1		X	
Welder [Creamer Environmental, Inc.]	Welder 1		X	
Welder [Creamer Environmental, Inc.]	Welder 2		X	
Welder [Creamer Environmental, Inc.]	Welder 3		X	
Fencing Contractor [Apex, Inc.]	Fencing Contractor 1		X	
Fencing Contractor [Apex, Inc.]	Fencing Contractor 2		X	
Fencing Contractor [Apex, Inc.]	Fencing Contractor 3		X	
Fencing Contractor [Apex, Inc.]	Fencing Contractor 4		X	
Fencing Contractor [Apex, Inc.]	Fencing Contractor 5		X	
Fencing Contractor [Apex, Inc.]	Fencing Contractor 6		X	

## Visitors

George Horvat (PRP Group)

## Equipment On-Site

All remaining equipment is scheduled to be demobilized from the site by the end of the day today.

## Material Tracking

No material was delivered today, and no material was placed today.

A total of 5059.61 tons of R6 stone has been delivered and placed to date. CEI completed material placement on 6/17, with extra stockpiled material placed in low areas in Zone 3 on 6/20.

## Observations

Remark	Description
<b>Site Restoration</b>	
<p>✓ <b>Final Inspection</b> [41.1]</p> <p>July 13, 2016</p>	<p>(see pics below)</p> <div>  <p>View of site during final inspection (facing NE)</p>  <p>View of site during final inspection (facing W)</p>  <p>View of site during final inspection (facing N)</p> </div>
<b>Sheet Pile Wall</b>	
<p>✓ <b>Final Inspection</b> [47.1]</p> <p>July 13, 2016</p>	<p>(see pics below)</p>



view of corner weld area



View of R6 bench at corner weld area

## Documents

Description	Status	Date	Responsible
Baseline Bathymetric Survey	Received	05/09/2016	John Castellani
Baseline Wall Survey	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/10/2016	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/09/2016	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/10/2016 (Revised)	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/13/2016	Received	05/13/2016	John Castellani
Turbidity Monitoring 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/13/2016	Received	05/13/2016	John Castellani
Wall and Rip Rap Survey 5/16/16	Received	05/16/2016	John Castellani
Turbidity Monitoring 05/17/2016	Received	05/17/2016	John Castellani
Turbidity Monitoring 05/18/2016	Received	05/18/2016	John Castellani
Stone Delivery Tickets 05/19/2016	Received	05/19/2016	John Castellani

Turbidity Monitoring 05/19/2016	Received	05/19/2016	John Castellani
Turbidity Monitoring 5/20/2016	Received	05/20/2016	John Castellani
Stone Delivery Tickets 5/20/2016	Received	05/20/2016	John Castellani
Sheetpile and Rip Rap Survey 5/19/2016	Received	05/19/2016	John Castellani
Stone Delivery Tickets 05/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/23/2016	Received	05/23/2016	John Castellani
Sheetpile and Rip Rap Survey 5/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/24/2016	Received	05/24/2016	John Castellani
Stone Delivery Tickets 05/24/2016	Received	05/24/2016	John Castellani
Turbidity Monitoring 05/25/2016	Received	05/25/2016	John Castellani
Turbidity Monitoring 05/26/2016	Received	05/26/2016	John Castellani
Stone Delivery Tickets 05/26/2016	Received	05/26/2016	John Castellani
Sheetpile and Rip Rap Survey 5/26/2016	Received	05/26/2016	John Castellani
Turbidity Monitoring 05/27/2016	Received	05/27/2016	John Castellani
Stone Delivery Tickets 05/27/2016	Received	05/27/2016	John Castellani
Waler BOL 05/27/2016	Received	05/27/2016	John Castellani
Welder Qualification_Michael Gill	Received	05/31/2016	John Castellani
Turbidity Monitoring 05/31/2016	Received	05/31/2016	John Castellani
Stone Delivery Tickets 05/31/2016	Received	05/31/2016	John Castellani
Welder Qualification_Tyrone Livingston	Received	06/01/2016	John Castellani
Stone Delivery Tickets 06/01/2016	Received	06/01/2016	John Castellani
Turbidity Monitoring 06/01/2016	Received	06/01/2016	John Castellani
Sheetpile and Rip Rap Survey 6/1/2016	Received	06/01/2016	John Castellani
Sheet Pile and Rip Rap Survey 06/02/2016	Received	06/02/2016	John Castellani

Stone Delivery Tickets 06/02/2016	Received	06/02/2016	John Castellani
Turbidity Monitoring 06/02/2016	Received	06/02/2016	John Castellani
Turbidity Monitoring 06/03/2016	Received	06/03/2016	John Castellani
Stone Delivery Tickets 06/03/2016	Received	06/03/2016	John Castellani
Turbidity Monitoring 06/06/2016	Received	06/06/2016	John Castellani
Stone Delivery Tickets 06/06/2016	Received	06/06/2016	John Castellani
Sheetpile and Rip Rap Survey 6/6/2016	Received	06/06/2016	John Castellani
Welder Certification Jim Canoway	Received	06/07/2016	John Castellani
Stone Delivery Tickets 06/07/2016	Received	06/07/2016	John Castellani
Turbidity Monitoring 06/07/2016	Received	06/07/2016	John Castellani
Turbidity Monitoring 06/08/2016	Received	06/08/2016	John Castellani
Stone Delivery Tickets 06/08/2016	Received	06/08/2016	John Castellani
Turbidity Monitoring 06/09/2016	Received	06/09/2016	John Castellani
Stone Delivery Tickets 06/09/2016	Received	06/09/2016	John Castellani
Sheetpile and Rip Rap Survey 06/09/2016	Received	06/09/2016	John Castellani
Stone Delivery Tickets 06/10/2016	Received	06/10/2016	John Castellani
Turbidity Monitoring 06/10/2016	Received	06/10/2016	John Castellani
Turbidity Monitoring 06/13/2016	Received	06/13/2016	John Castellani
Turbidity Monitoring 06/14/2016	Received	06/14/2016	John Castellani
Sheetpile and Riprap Survey 06/15/2016	Received	06/15/2016	John Castellani
Turbidity Monitoring 06/15/2016	Received	06/15/2016	John Castellani
Welder T&M Form 06/15/2016	Received	06/15/2016	John Castellani
Welder T&M Form 06/14/2016	Received	06/14/2016	John Castellani
Turbidity Monitoring 06/16/2016	Received	06/16/2016	John Castellani
Welder T&M Form 06/16/2016	Received	06/16/2016	John Castellani

Turbidity Monitoring 06/17/2016	Received	06/17/2016	John Castellani
Welder T&M Form 06/17/2016	Received	06/17/2016	John Castellani
Turbidity Monitoring 06/20/2016	Received	06/20/2016	John Castellani
Sheet Pile Wall Survey 6-20-16	Not yet received	06/20/2016	John Castellani
Bathymetric Survey 6-20-16	Received	06/20/2016	John Castellani
Welder T&M Form 06/21/2016	Received	06/21/2016	John Castellani
Welder T&M Form 06/22/2016	Received	06/22/2016	John Castellani
Turbidity Monitoring	Received	06/23/2016	John Castellani
Waste Disposal Manifest for Diesel Fuel Spill	Received	06/27/2016	John Castellani
Calibration Certificate for Orange Jack and Dial	Received	06/27/2016	John Castellani
CEI Laborers T&M Form	Received	06/27/2016	John Castellani
Calibration Certificate for Yellow Jack	Received	06/28/2016	John Castellani
CEI Laborers T&M Form for 06/28/2016	Received	06/28/2016	John Castellani
Tie-Rod Testing Data	Received	06/28/2016	John Castellani
Preliminary Tie-Rod Testing Data from CEI	Received	06/30/2016	John Castellani
CEI Laborers T&M Form for 06/29 and 06/30/2016	Received	06/30/2016	John Castellani
Survey of Stone Surface Stamped and Sealed	Received	06/30/2016	Eric Emery
Final Sheetpile Wall Survey	Received	06/29/2016	Eric Emery
Final Sheetpile Wall Survey Drawing	Not yet received	06/29/2016	Eric Emery
Sheetpile Survey 6/27/16	Not yet received	06/27/2016	Eric Emery
Sheetpile Survey 6/28/16	Not yet received	06/28/2016	Eric Emery

## General conditions

Disclaimer: Information contained in this Field Observation Report has been prepared to the best of our knowledge according to observable conditions at the site.